

**Situation:** How many ping-pong balls would fit in a 747-Boeing airplane? A 747 is a Boeing airplane that has a passenger volume 876 cubic meters and a cargo volume of about 159 cubic meters, for a total of 1035 cubic meters. Given a shoebox and ping-pong balls, how would you figure out how many ping-pong balls fit inside a 747-Boeing airplane?



**Use this space for an outline.**